Weather Event Simulator
Case Study

Originating Office	:	WFO Little Rock
Date of Case	:	8 May 2003
Contacts	:	Christopher.Buonanno@noaa.gov
Weather Event	:	Severe Weather - Hail
Learning Objectives	:	The objectives of this simulation are for the trainer to assess a trainee's ability to diagnose features that will contribute to severe weather potential, as well allowing for an evaluation of warning techniques. This case can also be used for to maintain proficiency of warning forecasters in general.
Available Data	:	All radar data for KLZK. Lowest elevation angle data for KINX, KNQA, KSGF, KSHV, and KSRX.
	:	AWIPS model guidance fields.
	:	All AWIPS satellite imagery.
	:	All AWIPS point data.
	:	All AWIPS redbook graphics.
	:	LAPS and MSAS graphics.
Time Period of Data	:	0000 to 1700 UTC May 8, 2003. (Radar data for 0900 - 1700 UTC.)
Type of Simulation	:	Interval Based Simulation -- Trainer Guided.
Completion Time	:	Two and one half to four hours.
Additional Materials	:	WordPerfect copy of the Simulation Guide will be loaded into a 2003May08/docs directory and is also available in the /docs directory on the DVD-ROM.
Installation	:	Use the CaseInstaller.tcl script to install the case specifying one (1) DVD, the appropriate directory (e.g., /data/awips) on the appropriate hard drive (e.g., /dev/sdb1). The case directory will be called 2003May08.
Special Instructions	:	This case includes localizations for WES versions 1.0, 1.1, 1.2 and 1.3.. Please "cd" to the 2003May08/localizationDataSets subdirectory and extract (zcat {filename} | tar -xvf -) the appropriate localization for your version of the WES software.
	:	The case includes WES Scripting Language SPC watches and spotter reports which will appear if you are using Version 1.3 of the WES software. Simply specify lzk-05-08-2003.wessl as the WESSL Script when running the simulation.